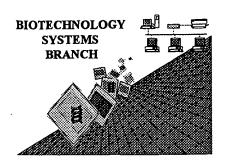
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/8/9, 669C

Art Unit / Team No.: 164, 4

Date Processed by STIC: 6/19/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

M. Lubet

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:42

INPUT SET: S32279.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

Does Not Comply Corrected Diskette Needed

1		. SEQUENCE LISTING
2 3	(1)	General Information:
4 5 6 7 8		(i) APPLICANTS: Boon-Falleur, Thierry; Van der Bruggen, Thierry; Van den Eynde, Beno t; Van Pel, Aline; De Plaen, Etienne; Lurquin, Christophe; Chomez, Patrick; Traversari, Catia
9 10		(ii) TITLE OF INVENTION: Tumor Rejection Antigen Precursors, Tumor Rejection Antigens and Uses Thereof
11 12 13		(iii) NUMBER OF SEQUENCES: 26
14 15 16 17 18 19		(iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: Fulbright & Jaworski LLP (B) STREET: 666 Fifth Avenue (C) CITY: New York City (D) STATE: New York (F) ZIP: 10103 (E) COUNTY: USA subheading or
21 22 23		<pre>(v) COMPUTER READABLE FORM: (A) MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage (B) COMPUTER: IBM</pre>
24 25 26		(C) OPERATING SYSTEM: PC-DOS (D) SOFTWARE: Wordperfect
27 28 29 30 31		 (vi) CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 08/819,669 (B) FILING DATE: 17-March-1997 (C) CLASSIFICATION: 435
32 33 34 35		<pre>(vii) PRIOR APPLIATION DATA: (A) APPLICATION NUMBER: 08/142,368 (B) FILING DATE: 02-MAY-1994</pre>
36 37 38 39		<pre>(vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: PCT/US92/04354 (B) FILING DATE: 22-MAY-1992</pre>
40 41 42 43		(vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: 07/807,043 (B) FILING DATE: 12-DECEMBER-1991
44 45		(vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: 07/764,364

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:42

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		INFU1 SE1: 5322/9,raw	
	46	(B) FILING DATE: 23-SEPTEMBER-1991	
	47	$oldsymbol{\cdot}$	
	48	(vii) PRIOR APPLICATION DATA:	
	49	(A) APPLICATION NUMBER: 07/728,838	
	50	(b) FILING DATE: 9-JULY-1991	
	51		
	52	(vii) PRIOR APPLICATION DATA:	
	53	(A) APPLICATION NUMBER: 07/705,702	
	54	(B) FILING DATE: 23-May-1991	
	55		
	56	(viii) ATTORNEY/AGENT INFORMATION:	
	57	(A) NAME: Hanson, Norman D.	
	58	(B) REGISTRATION NUMBER: 30,946	
	59	(C) REFERENCE/DOCKET NUMBER: LUD 5253.5-US	
	60		
	61	(ix) TELECOMMUNICATION INFORMATION:	
	62	(A) TELEPHONE: (212)318-3168	
	63	(B) TELEFAX: (212)752-5958	
	64		
	65		
	66		
ERRO	ORED :	SEQUENCES FOLLOW:	•
		SEQUENCES FOLLOW: (2) INFORMATION FOR SEQ ID NO: 1: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 462 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (C) STRANDEDNESS; sequences	,
	67	(2) INFORMATION FOR SEQ ID NO: 1:	
	- 68	(i) SEQUENCE CHARACTERISTICS:	
	69	(A) LENGTH: 462 base pairs	
	70	(B) TYPE: nucleic acid (C) STRANDEDNESS; sequences	
	71	(D) TOPOLOGY: linear	
	72	(ii) MOLECULE TYPE: genomic DNA	
>	73	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:	

67	(2) INFORMATION FOR SEQ ID NO: 1:
68	(i) SEQUENCE CHARACTERISTICS:
69	(A) LENGTH: 462 base pairs
70	(B) TYPE: nucleic acid (C) STRANDEDNESS; (D) TOPOLOGY: linear
71	(D) TOPOLOGY: linear
72	(ii) MOLECULE TYPE: genomic DNA
73	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
74	

75 76

ACCACAGGAG	AATGAAAAGA	ACCCGGGACT	CCCAAAGACG	CTAGATGTGT	GAAGATCCTG	60
ATCACTCATT	GGGTGTCTGA	GTTCTGCGAT	ATTCATCCCT	CAGCCAATGA	GCTTACTGTT	120
CTCGTGGGGG	GTTTGTGAGC	CTTGGGTAGG	AAGTTTTGCA	AGTTCCGCCT	ACAGCTCTAG	180
CTTGTGAATT	TGTACCCTTT	CACGTAAAAA	AGTAGTCCAG	AGTTTACTAC	ACCCTCCCTC	240
CCCCCTCCCA	CCTCGTGCTG	TGCTGAGTTT	AGAAGTCTTC	CTTATAGAAG	TCTTCCGTAT	300
AGAACTCTTC	CGGAGGAAGG	AGGGAGGACC	CCCCCCTTT	GCTCTCCCAG	CATGCATTGT	360
GTCAACGCCA	TTGCACTGAG	CTGGTCGAAG	AAGTAAGCCG	CTAGCTTGCG	ACTCTACTCT	420
TATCTTAACT	TAGCTCGGCT	TCCTGCTGGT	ACCCTTTGTG	CC		462
_	ATCACTCATT CTCGTGGGG CTTGTGAATT CCCCCTCCA AGAACTCTTC GTCAACGCCA	ATCACTCATT GGGTGTCTGA CTCGTGGGGG GTTTGTGAGC CTTGTGAATT TGTACCCTTT CCCCCTCCCA CCTCGTGCTG AGAACTCTTC CGGAGGAAGG GTCAACGCCA TTGCACTGAG	ATCACTCATT GGGTGTCTGA GTTCTGCGAT CTCGTGGGG GTTTGTGAGC CTTGGGTAGG CTTGTGAATT TGTACCCTTT CACGTAAAAA CCCCCTCCCA CCTCGTGCTG TGCTGAGTTT AGAACTCTTC CGGAGGAAGG AGGGAGGACC GTCAACGCCA TTGCACTGAG CTGGTCGAAG	ATCACTCATT GGGTGTCTGA GTTCTGCGAT ATTCATCCCT CTCGTGGGG GTTTGTGAGC CTTGGGTAGG AAGTTTTGCA CTTGTGAATT TGTACCCTTT CACGTAAAAA AGTAGTCCAG CCCCCTCCA CCTCGTGCTG TGCTGAGTTT AGAAGTCTTC AGAACTCTTC CGGAGGAAGG AGGAGGACC CCCCCCTTT GTCAACGCCA TTGCACTGAG CTGGTCGAAG AAGTAAGCCG	ATCACTCATT GGGTGTCTGA GTTCTGCGAT ATTCATCCCT CAGCCAATGA CTCGTGGGGG GTTTGTGAGC CTTGGGTAGG AAGTTTTGCA AGTTCCGCCT CTTGTGAATT TGTACCCTTT CACGTAAAAA AGTAGTCCAG AGTTTACTAC CCCCCTCCCA CCTCGTGCTG TGCTGAGTTT AGAAGTCTTC CTTATAGAAG AGAACTCTTC CGGAGGAAGG AGGGAGGACC CCCCCCTTT GCTCTCCCAG	ACCACAGGAG AATGAAAAGA ACCCGGGACT CCCAAAGACG CTAGATGTGT GAAGATCCTG ATCACTCATT GGGTGTCTGA GTTCTGCGAT ATTCATCCCT CAGCCAATGA GCTTACTGTT CTCGTGGGGG GTTTGTGAGC CTTGGGTAGG AAGTTTTGCA AGTTCCGCCT ACAGCTCTAG CCCCCTCCCA CCTCGTGCTG TGCTGAGTTT AGAAGTCTTC CGGAGGAAGG AGGGAGGACC CCCCCCTTT GCTCTCCAG CATGCATTGT GTCAACGCCA TTGCACTGAG CTGGTCGAAG AAGTAAGCCG CTAGCTTGCG ACTCTACTCT

87 88 89

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⁽²⁾ INFORMATION FOR SEQ ID NO: 2:

⁹¹ (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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93			•	3) T			cleid		id		NO	m	1/	\cdot I	STI	CAND	FONESS!
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96		(x	i) SI	EQUE	NCE 1	DESCI	RIPT	CON:	SEÇ) ID	NO:	2:					
97																	
98																	
99	ATG	TCT	GAT	AAC	AAG	AAA	CCA	GAC	AAA	GCC	CAC	AGT	GGC	TCA	GGT	GGT	48
100	Met	Ser	Asp	Asn	Lys	Lys	Pro	Asp	Lys	Ala	His	Ser	Gly	Ser	Gly	Gly	
101					5					10					15		
102	GAC	GGT	GAT	GGG	AAT	AGG	TGC	AAT	TTA	TTG	CAC	CGG	TAC	TCC	CTG	GAA	96
103	Asp	Gly	Asp	Gly	Asn	Arg	Cys	Asn	Leu	Leu	His	Arg	Tyr	Ser	Leu	Glu	
104	_	_	_	20		_	_		25			_	_	30			
105	GAA	ATT	CTG	CCT	TAT	CTA	GGG	TGG	CTG	GTC	TTC	GCT	GTT	GTC	ACA	ACA	144
106	Glu	Ile	Leu	Pro	Tvr	Leu	Glv	Trp	Leu	Val	Phe	Ala	Val	Val	Thr	Thr	
107			35		•		-	40					45				
108	AGT	TTT	CTG	GCG	CTC	CAG	ATG	TTC	ATA	GAC	GCC	CTT	TAT	GAG	GAG	CAG	192
109									Ile								
110		50					55					60	-1-				
111	тΔт		AGG	GAT	GTG	GCC		ልሞል	GCC	AGG	CAA	_	AAG.	CGC	ΔТС	TCC	240
112									Ala								
113	65	014	9	nop	*41	70			niu	9	75		2,5	9		80	
114		GTC	CAT	GAG	СУД		GAC	CAT	GAG	САТ		GAG	САТ	GAC	ጥልሮ		288
115									Glu								200
116	Ser	Val	ASP	GIU	85	GIG	ASP	ASP	GIU	90	rap	GIU	кор	rsp	95	ıyı	
117	a a a	a a a	CAC	CAC		CAC	CAC	CATE	GCC		mam	CAT	C A TT	CAC		C A TI	336
																	330
118 119	ASP	ASP	GIU	100	ASP	ASP	ASP	ASP	Ala 105	File	ıyı	ASD	нар	110	Asp	АБР	
120	aza	CAA	CIN N		mma	a a a	220	ama	ATG	CAM	CI A ITT	CI N N	ma a		CI A ITT	ara	384
																	304
121	GIU	GIU		GIU	Leu	GIU	ASI		Met	ASP	ASP	GIU		GIU	ASP	GIU	
122	999	<i>a</i>	115	a.a	.	100	ama	120	1 mg	aam	999	aa .	125	a.a	a. .	3 m.c	430
123									ATG								432
124	АТА		GTU	GIU	мет	ser		GIU	Met	GTÀ	АТа	_	Ата	GIU	GIU	мет	
125		130					135			~~=		140					400
126									GTT								480
127	_	АТа	GTA	АТА	Asn	_	Ата	Cys	Val	Pro		HIS	HIS	Leu	arg	_	
128	145					150					155					160	
129									TAT								528
130	Asn	GLu	Val	Lys	_	Arg	Met	Ile	Tyr		Phe	His	Asp	Pro		Phe	
131					165					170					175		
132									AAG								576
133	Leu	Val	Ser		Pro	Val	Asn	Pro	Lys	Glu	Gln	Met	Glu	-	Arg	Cys	
134				180					185					190			
135									ATG								624
136	Glu	Asn		Asp	Glu	Glu	Val		Met	Glu	Glu		Glu	Glu	Glu	Glu	
137			195					200				210					
138									GGA								672
139		Glu	Glu	Glu	Glu		Glu	Met	Gly	Asn	Pro	Asp	Gly	Phe	Ser		
140	220					225					230					235	
141																	
142	TAG																675
143																	
144																	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:43

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	147	(i) SEQUENCE CHARACTERISTICS:
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	149	(A) LENGTH: 228 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear
	150	(D) TOPOLOGY: linear
	151	(ii) MOLECULE TYPE: genomic DNA
>	152	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
	153	(AI) DEGORACE DESCRIPTION: DEG ID NO. 3.
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	155	
	156	GCATGCAGTT GCAAAGCCCA GAAGAAAGAA ATGGACAGCG GAAGAAGTGG TTGTTTTTTT 60
	157	TTCCCCTTCA TTAATTTTCT AGTTTTTAGT AATCCAGAAA ATTTGATTTT GTTCTAAAGT 120
	158	TCATTATGCA AAGATGTCAC CAACAGACTT CTGACTGCAT GGTGAACTTT CATATGATAC 180
	159	ATAGGATTAC ACTTGTACCT GTTAAAAATA AAAGTTTGAC TTGCATAC 228
	160	
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	162	(2) INFORMATION FOR SEQ ID NO: 4:
	163	(i) SEQUENCE CHARACTERISTICS:
	164	(A) LENGTH: 1365 base pairs
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	166	(A) LENGTH: 1365 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear
	167	(ii) MOLECULE TYPE: genomic DNA
>	168	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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	170	
	171	ACCACAGGAG AATGAAAAGA ACCCGGGACT CCCAAAGACG CTAGATGTGT 50
	172	GAAGATCCTG ATCACTCATT GGGTGTCTGA GTTCTGCGAT ATTCATCCCT 100
	173	CAGCCAATGA GCTTACTGTT CTCGTGGGGG GTTTGTGAGC CTTGGGTAGG 150
	174	AAGTTTTGCA AGTTCCGCCT ACAGCTCTAG CTTGTGAATT TGTACCCTTT 200
	175	CACGTAAAAA AGTAGTCCAG AGTTTACTAC ACCCTCCCTC CCCCCTCCCA 250
	176	CCTCGTGCTG TGCTGAGTTT AGAAGTCTTC CTTATAGAAG TCTTCCGTAT 300
	177	AGAACTCTTC CGGAGGAAGG AGGGAGGACC CCCCCCTTT GCTCTCCCAG 350
	178	CATGCATTGT GTCAACGCCA TTGCACTGAG CTGGTCGAAG AAGTAAGCCG 400
	179	CTAGCTTGCG ACTCTACTCT TATCTTAACT TAGCTCGGCT TCCTGCTGGT 450
	180	ACCCTTTGTG CC 462
	181	ATG TCT GAT AAC AAG AAA CCA GAC AAA GCC CAC AGT GGC TCA 504
	182	GGT GGT GAC GGT GAT GGG AAT AGG TGC AAT TTA TTG CAC CGG 546
	183	TAC TCC CTG GAA GAA ATT CTG CCT TAT CTA GGG TGG CTG GTC 588
	184	TTC GCT GTT GTC ACA ACA AGT TTT CTG GCG CTC CAG ATG TTC 630
	185	ATA GAC GCC CTT TAT GAG GAG CAG TAT GAA AGG GAT GTG GCC 672
	186	TGG ATA GCC AGG CAA AGC AAG CGC ATG TCC TCT GTC GAT GAG 714
	187	GAT GAA GAC GAT GAG GAT GAG GAT GAC TAC TAC GAC GAC 756
	188	GAG GAC GAC GAC GAT GCC TTC TAT GAT GAT GAG GAT GAT 798
	189	GAG GAA GAA TTG GAG AAC CTG ATG GAT GAA TCA GAA 840
	190	GAT GAG GCC GAA GAA GAG ATG AGC GTG GAA ATG GGT GCC GGA 882
	191	GCT GAG GAA ATG GGT GCT GGC GCT AAC TGT GCC TGT GTT CCT 924
	192	GGC CAT CAT TTA AGG AAG AAT GAA GTG AAG TGT AGG ATG AT
	193	TAT TTC TTC CAC GAC CCT AAT TTC CTG GTG TCT ATA CCA GTG 1008
	194	AAC CCT AAG GAA CAA ATG GAG TGT AGG TGT GAA AAT GCT GAT 1050
	195	GAA GAG GTT GCA ATG GAA GAG GAA GAA GAA GAG GAG 1092

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		INPUT SET: S32279.raw
	196	GAG GAG GAA GAG GAA ATG GGA AAC CCG GAT GGC TTC TCA CCT 1134
	197	TAG 1137
	198	GCATGCAGTT GCAAAGCCCA GAAGAAAGAA ATGGACAGCG GAAGAAGTGG 1187
	199	TTGTTTTTT TTCCCCTTCA TTAATTTTCT AGTTTTTAGT AATCCAGAAA 1237
	200	
	201	
	202	GTTAAAAATA AAAGTTTGAC TTGCATAC 1365
	203	200
	204	
	205	
	206	(2) INFORMATION FOR SEQ ID NO: 5:
	207	(i) SEQUENCE CHARACTERISTICS:
	208	(A) LENGTH: 4698 base pairs
	000	(B) TYPE: nucleic acid
	210	(B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA
	211	(ii) MOLECULE TYPE: genomic DNA
>	212	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
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	214	ACCACAGGAG AATGAAAAGA ACCCGGGACT CCCAAAGACG CTAGATGTGT 50
	215	
	216	
	217	
	218	
	219	
	220	AGAACTCTTC CGGAGGAAGG AGGGAGGACC CCCCCCTTT GCTCTCCCAG 350
	221	
	222	CTAGCTTGCG ACTCTACTCT TATCTTAACT TAGCTCGGCT TCCTGCTGGT 450
	223	ACCCTTTGTG CC 462
	224	ATG TCT GAT AAC AAG AAA CCA GAC AAA GCC CAC AGT GGC TCA 504
	225	GGT GGT GAC GGT GAT GGG AAT AGG TGC AAT TTA TTG CAC CGG 546
	226	TAC TCC CTG GAA GAA ATT CTG CCT TAT CTA GGG TGG CTG GTC 588
	227	TTC GCT GTT GTC ACA ACA AGT TTT CTG GCG CTC CAG ATG TTC 630
	228	ATA GAC GCC CTT TAT GAG GAG CAG TAT GAA AGG GAT GTG GCC 672
	229	TGG ATA GCC AGG CAA AGC AAG CGC ATG TCC TCT GTC GAT GAG 714
	230	GAT GAA GAC GAT GAG GAT GAG GAT GAC TAC TAC GAC GAC 756
	231	
	232	GAG GAA GAA TTG GAG AAC CTG ATG GAT GAA TCA GAA 840
	233	GAT GAG GCC GAA GAA GAG ATG AGC GTG GAA ATG GGT GCC GGA 882
	234	
	235	GTGAGTAACC CGTGGTCTTT ACTCTAGATT CAGGTGGGGT GCATTCTTTA 966
	236	CTCTTGCCCA CATCTGTAGT AAAGACCACA TTTTGGTTGG GGGTCATTGC 1016
	237	TGGAGCCATT CCTGGCTCTC CTGTCCACGC CTATCCCCGC TCCTCCCATC 1066
	238	CCCCACTCCT TGCTCCGCTC TCTTTCCTTT TCCCACCTTG CCTCTGGAGC 1116
	239	TTCAGTCCAT CCTGCTCTGC TCCCTTTCCC CTTTGCTCTC CTTGCTCCCC 1166
	240	TCCCCCTCGG CTCAACTTTT CGTGCCTTCT GCTCTCTGAT CCCCACCCTC 1216
	241	TTCAGGCTTC CCCATTTGCT CCTCTCCCGA AACCCTCCCC TTCCTGTTCC 1266
	242	CCTTTTCGCG CCTTTTCTTT CCTGCTCCCC TCCCCCTCCC TATTTACCTT 1316
	243	TCACCAGCTT TGCTCTCCCT GCTCCCCTCC CCCTTTTGCA CCTTTTCTTT 1366
	244	
	045	CONTROL CONTROL CONTROL DE CONTROL DE CONTROL

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TGCTCCTCCC TCCCCTCCC CCTCCCTCCC TATTTGCATT TTCGGGTGCT

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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249	TCACTCTGTA	GACCAGGCTG	GCCTCAAACT	CAGAAATCTG	CCTGCCTCTG	1666
250	CCTCCCAAAT	GCTGGGATTA	AAGGCTTGCA	CCAGGACTGC	CCCAGTGCAG	1716
251		TTTCTCCTCT				1766
252		TTGGCACCTT				1816
253		GCACCCTTCC			-	1866
254		TTTGCTCGAC				1916
255		CCTTTTTTGT				1966
256		TTTGTTTGTT				2016
257		GCACCTTGTT				2066
258		CCTTTCCTGT				2116
259					TAATGCCTTT	2166
260		CTCCCCCCTC				2216
261		CTCCCCTTCC				2266
262		GCCTGTCACC				2316
263		TTTACCCCTT				2316
264		CCAGCCGCCC				2416
265		ATCACTTCCC				
266		CTTCCTATCT				2466
267						2516
268		TCTCCTCCCT				2566
		TACCCTGCCT				2616
269		CTCTCAATTC				2666
270		TTCTCCCTTA				2716
271		TTCTCCCTCC				2766
272		TCTCTCCTCT				2816
273		AGACCCTACA				2866
274		AGGAGGCAAG				2916
275		GAAAATAAGG				2966
276					TGGTGAAGTT	3016
277		GCTGCTTCTT				3066
278					AGTAATGGGA	3116
279		ACTAGGGGCC				3166
280		TCCCCCTAAA				3216
281		GGTGAGAAGT				3266
282		ACTTGGAACC			CTGCTTTCTT	3316
283		ATTCTTTCTC				3355
284					GTG AAG TGT	3396
285					CTG GTG TCT	3438
286					AGG TGT GAA	3480
287					GAA GAA GAA	3522
288			AA GAG GAA A	ATG GGA AAC	CCG GAT GGC	3564
289	TTC TCA CCT					3576
290		ACTGGCTTCA				3626
291					ACAATTGTTA	3676
292		TTAATAAGTA				3726
293		AACAGAAGTC				3776
294		TACTTACTAC				3826
295		AGATCATGCA				3876
296	TTCTTATAGT	ACCTTTGAGA	CAGCTGATAA	CAGCTGACAA	AAATAAGTGT	3926
297		ATCACACGCC				3976
298	TTCTGATTTT	TTTCATTTCT	AGACCTGTGG	TTTTAAAGAG	ATGAAAATCT	4026
299		CCTTCATCTT				4076
300	TAGAATTCAA	TTCAAATTCT	TAATTCAATC	${\bf TTAATTTTA}$	GATTTCTTAA	4126

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	302	GTAACTGGGG GGCTTAGGGA ATCTGTAGGG TTGCGGTATA GCAATAGGGA	4226
	303	GTTCTGGTCT CTGAGAAGCA GTCAGAGAGA ATGGAAAACC AGGCCCTTGC	4276
	304	CAGTAGGTTA GTGAGGTTGA TATGATCAGA TTATGGACAC TCTCCAAATC	4326
	305	ATAAATACTC TAACAGCTAA GGATCTCTGA GGGAAACACA ACAGGGAAAT	4376
	306	ATTTTAGTTT CTCCTTGAGA AACAATGACA AGACATAAAA TTGGCAAGAA	4426
	307	AGTCAGGAGT GTATTCTAAT AAGTGTTGCT TATCTCTTAT TTTCTTCTAC	4476
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	310	TTTTGTTCTA AAGTTCATTA TGCAAAGATG TCACCAACAG ACTTCTGACT	4626
	311	GCATGGTGAA CTTTCATATG ATACATAGGA TTACACTTGT ACCTGTTAAA	4676
	312	AATAAAAGTT TGACTTGCAT AC	4698
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	331	(i) SEQUENCE CHARACTERISTICS: 2419 stars (ref)	or).
>	332	(A) LENGTH: (2418 base pairs)	and end
	333	(B) TYPE: nucleic acid	NOW MEDINESI
	334	(D) TOPOLOGY: linear	-TRANIA Lad
	335	(ii) MOLECULE TYPE: genomic DNA	S/1 11 10 100
>	336	(xi) SEOUENCE DESCRIPTION: SEO ID NO: 7:	9,000
•	337	· · · · · · · · · · · · · · · · · · ·	,
	338		
	339	GGATCCAGGC CCTGCCAGGA AAAATATAAG GGCCCTGCGT GAGAACAGAG	50
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	342	GGCCCGTGGA TTCCTCTTCC TGGAGCTCCA GGAACCAGGC AGTGAGGCCT	
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	352	ACTGCAAGCC TGAGGAAGCC CTTGAGGCCC AACAAGAGGC CCTGGGCCTG	700
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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>	387	AATGATCTTG GGTGGATCC	(2418) 7:4/9
	388		
	389		
٠.	390		
	391	(2) INFORMATION FOR SEQ ID NO: 8:	(and regel)
>	392	(i) SEQUENCE CHARACTERISTICS: 5674 shows	(rest page)
>	392 393	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 5724 base pairs (B) TYPE:	(redpoge)
>	392 393 394	(a) LENGTH: 5724 base pairs (B) TYPE: nucleic acid (C) TOPOLOGY: linear	(rydpoge) NESS: "end
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>	392 393 394 395 396	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 5724 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear STANDED. (ii) MOLECULE TYPE: genomic DNA	(replage)
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>	392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA	50 100 150 200 250 300 350 400
>	392 393 394 395 396 397 398 400 401 402 403 404 405 406 407 408 409 410	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG	50 100 150 200 250 300 350 400 450
>	392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG AGAGGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG	50 100 150 200 250 300 350 400 450 500
>	392 393 394 395 396 397 398 399 400 401 402 403 405 406 407 408 409 410 411 412	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC AGAATCCGGT TCCACCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG AGAGGCCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA	50 100 150 200 250 300 350 400 450 500
>	392 393 394 395 396 397 398 399 400 401 402 403 405 406 407 408 409 410 411 412 413	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC AGAATCCGGT TCCACCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG AGAGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA	50 100 150 200 250 300 350 400 450 500 550
>	392 393 394 395 396 397 398 399 400 401 402 403 405 406 407 408 410 411 412 413 414	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGA GGGAAGCGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG AGAGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA CCCCACATCC CCCCACCCCA CCCCCAGCC TGATGCCCAT CCGCCCAGCC	50 100 150 200 250 300 350 400 450 500 550 600
>	392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 410 411 412 413 414 415	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGA GGGAAGCGGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTAA TCAGGGAAGG GCTGCTTAGG AGAGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA CCCCACATCC CCCACCCCAC CCCCCACCC CACCCCCACC	50 100 150 200 250 300 350 400 450 500 550 600 650 700
>	392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 410 411 412 413 414 415 416	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGA ACTGAGGACC CACTTACCCC AGATAGAGGA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTAA TCAGGGAAGG GCTGCTTAGG AGAGGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA CCCCACATCC CCCACCCCAC CCCCCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCC CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCACCCCCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCCAGGCATCC CACCCCCACC CAGGCAGGAT CCGGTTCCCG CCAGGCATCC CACCCCCACC CAGGCAGGAT CCGGGTGCC CAGGCATCC CACCCCCACC CAGGCAGGAT CCGGGTGCC CAGGGAACA TCCGGGTGCC CGGGTTGTGAC	50 100 150 200 250 300 350 400 450 500 550 600 650 700
>	392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 410 411 412 413 414 415	(ix) FEATURE: (A) NAME/KEY: MAGE-1 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGC CAAGCCAGGC AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGCCC AGGTGCCCAG ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT CGGTCTGAGG GGCGGCTTGA GATCGGTGA GGGAAGCGGG CCCAGCTCTG TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA CTGGGGACTC GAAGTCAGAG CTCCGTGTAA TCAGGGAAGG GCTGCTTAGG AGAGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA CCCCACATCC CCCACCCCAC CCCCCACCC CACCCCCACC	50 100 150 200 250 300 350 400 450 500 550 600 650 700

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446	GGGAGGACTC	AGGGGACCTT	GGAATCCAGA	TCAGTGTGGA	CCTCGGCCCT	2250
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465		GCACGTGTGG				J/30/100/10
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467		CAGGCCCTGC				
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480	GIGGIGGET CIGCCCIGAC GAGAGICAIC	3930
481	ATG TCT CTT GAG CAG AGG AGT CTG CAC TGC AAG CCT GAG GAA	3972
482	GCC CTT GAG GCC CAA CAA GAG GCC CTG GGC CTG GTG TGT GTG	4014
483	CAG GCT GCC ACC TCC TCC TCC TCT CCT CTC GTC CTG GGC ACC	4056
484	CTG GAG GAG GTG CCC ACT GCT GGG TCA ACA GAT CCT CCC CAG AGT CCT CAG GGA GCC TCC GCC TTT CCC ACT ACC ATC AAC TTC	4098
485	ACT CCA CAG ACC CAA CCC ACT ACC ACC ACC ACC ACC ACC	4140
486	ACT CGA CAG AGG CAA CCC AGT GAG GGT TCC AGC AGC CGT GAA	4182
487	GAG GAG GGG CCA AGC ACC TCT TGT ATC CTG GAG TCC TTG TTC	
488	CGA GCA GTA ATC ACT AAG AAG GTG GCT GAT TTG GTT GGT TTT	4266
489	THE COR GCC AGG GAG CCA GTC ACA AAG GCA	4308
490	GAA ATG CTG GAG AGT GTC ATC AAA AAT TAC AAG CAC TGT TTT	4350
491	CCT GAG ATC TTC GGC AAA GCC TCT GAG TCC TTG CAG CTG GTC	
492	TTT GGC ATT GAC GTG AAG GAA GCA GAC CCC ACC GGC CAC TCC	4434
493	TAT GTC CTT GTC ACC TGC CTA GGT CTC TCC TAT GAT GGC CTG	4476
494	CTG GGT GAT AAT CAG ATC ATG CCC AAG ACA GGC TTC CTG ATA	4518
495	ATT GTC CTG GTC ATG ATT GCA ATG GAG GGC GGC CAT GCT CCT	4560
496	GAG GAG GAA ATC TGG GAG GAG CTG AGT GTG ATG GAG GTG TAT	4602
497	CTC ACC CAA CAT THE CHE CAG CAA AAC THE	4644
498	AGG TGC CGG AGA CTG ATG GGG GAG GGT ATG CTG GAG TAC GGC	4686
499	GAT GGG AGG GAG CAC AGT GCC TAT GGG GAG CCC AGG AAG CTG CTC ACC CAA GAT TTG GTG CAG GAA AAG TAC CTG GAG TAC GGC AGG TGC CGG ACA GTG ATC CCG CAC GCT ATG AGT TCC TGT GGG GTC CAA GGG CCC TCG CTG AAA CCA GCT ATG TGA	4728
500	AAGTCCTTGA GTATGTGATC AAGGTCAGTG CAAGAGTTC	4/61
501	GCTTTTTCTT CCCATCCCTG CGTGAAGCAG CTTTGAGAGA GGAGGAAGAG	4800
502	GGAGTCTGAG CATGAGTTGC AGCCAAGGCC AGTGGGAGGG GGACTGGGCC	4850
503	AGTGCACCTT CCAGGGCCGC CTGCAGGAGG TTTTTTTTTT	4900
504	AGTGCACCTT CCAGGGCCGC GTCCAGCAGC TTCCCCTGCC TCGTGTGACA	4950
505	TGAGGCCCAT TCTTCACTCT GAAGAGAGCG GTCAGTGTTC TCAGTAGTAG GTTTCTGTTC TATTGGGTGA CTTCCAGATT TATTGGTTCT CTCAGTAGTAG	
506	GTTTCTGTTC TATTGGGTGA CTTGGAGATT TATCTTTGTT CTCTTTTGGA ATTGTTCAAA TGTTTTTTT TAAGGGATGG TTGAATGAAC TTCAGCATCC	5050
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514	TCTGCTTTTT GGAAGGCCCT GGGTTAGTAG TGGAGATGCT AAGGTAAGCC	5450
515	AGACTCATAC CCACCCATAG GGTCGTAGAG TCTAGGAGGT GCAGTCACGT	5500
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518	GCTGGGGCAT TTTGGGCTTT GGGAAACTGC AGTTCCTTCT GGGGGAGCTG	5650
519	ATTGTAATGA TCTTGGGTGG ATCC	5700
520	TOTAL AND TOTAL AND THE STATE OF THE STATE O	5724
521		
522		
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:45

						I	NPUT SET: S3.	2279.ra
	524			ACTERISTICS	S:		•	7
	525			4157 base	pairs		. 2000	
	526	(B)	TYPE:	nucleic aci	.d	AC	CONE)	
	527	(D)) TOPOLOGY	: linear	U	/ANH NV	rer,	
	528	(ii) MOI	LECULE TYP	E: genomic	: DNA '	STRUM	$\sim N$	
	529	(ix) FEA	ATURE:		•	()/\ ~	
	530	(A)	NAME/KEY	: MAGE-2 c	jene	<i></i>		
>	531	(xi) SEC	QUENCE DES	CRIPTION:	SEQ ID NO:	9:	MPNESS:	
	532							
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	535	CCCATCCAGA TO	CCCCATCCG	GGCAGAATCC	GGTTCCACCC	TTGCCGTGAA		50
	536	CCCAGGGAAG TO	CACGGGCCC	GGATGTGACG	CCACTGACTT	GCACATTGGA		100
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	546	TCCCATCTCC TC						600
	547	CAATCAACCC AC						650
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	570 571	GTAGAGGGAG GG						1800
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C RAW SEQUENCE LISTING

DATE: 06/19/1999 TIME: 16:48:46

INPUT SET: S32279,raw

2792

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CACACCAAGG GCCCCACCCG CCCAGAACAA ATGGGACTCC AGAGGGCCTG

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GGC CTT GAG GCC CGA GGA GAG GCC CTG GGC CTG GTG GGT GCG

CAG GCT CCT GCT ACT GAG GAG CAG CAG ACC GCT TCT TCC TCT

TCT ACT CTA GTG GAA GTT ACC CTG GGG GAG GTG CCT GCC

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TTC TCG ACT ACC ATC AAC TAC ACT CTT TGG AGA CAA TCC GAT

GAG GGC TCC AGC AAC CAA GAA GAG GGG CCA AGA ATC GAT

CCC GAC CTG GAG TCC GAG TTC CAA GCA GCC AGT AGT AGG

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TCACTGGCTC ATTTCTTTAC CATTCACTCA GCATCTGCTC TGTGGAAGGC
CCTGGTAGTA GTGGG

GAA AAC TAC CTG GAG TAC CGG CAG GTG CCC GGC AGT GAT CCT

GCA TGC TAC GAG TTC CTG TGG GGT CCA AGG GCC CTC ATT GAA
ACC AGC TAT GTG AAA GTC CTG CAC CAT ACA CTA AAG ATC GGT
GGA GAA CCT CAC ATT TCC TAC CCA CCC CTG CAT GAA CGG GCT.

CCTGGTAGTA GTGGG

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(2) INFORMATION FOR SEQ ID NO: 10:

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:46

		INPUT SET: S32279.raw
	629	(A) LENGTH: 662 base pairs
	630	(B) TYPE: nucleic acid
	631	(D) TOPOLOGY: linear $\wedge \mathcal{N}^{\mathcal{N}} \wedge$
	632	(ii) MOLECULE TYPE: genomic DNA
	633	(B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE:
	634	(A) NAME/KEY: MAGE-21 gene
>	635	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
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	640	AGGGAAGTCA CGGGGCCGGA TGTGACGCCA CTGACTTGCG CGTTGGAGGT 100
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	642	GGAAGCAGGC GCAGGCTCCG TGAGGAGGCA AGGTAAGATG CCGAGGGAGG 200
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	644	CCTCTGCTGC CAGGCCTGGA CCACCCTGCA GGGGAAGACT TCTCAGGCTC 300
	645	AGTCGCCACC ACCTCACCCC GCCACCCCCC GCCGCTTTAA CCGCAGGGAA 350
	646	CTCTGGTGTA AGAGCTTTGT GTGACCAGGG CAGGGCTGGT TAGAAGTGCT 400
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	648	GAGGGTAACC CCCCCGCACC CCCACCACCA TTCCCATCCC CCAACACCAA 500
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	651	
		GAGCTTTGCC CCTGCAATCA ACCCACGGAA GCTCCGGGAA TGGCGGCCAA 650
	652	GCACGCGGAT CC 662
	653	
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•	656	(A) THEODY HOD ODD TO WAR II
	656	(2) INFORMATION FOR SEQ ID NO: 11:
	657	(i) SEQUENCE CHARACTERISTICS:
	658	(A) LENGTH: 1640 base pairs
	659	(B) TYPE: nucleic acid
	660	(D) TOPOLOGY: linear
	661	(ii) MOLECULE TYPE: cDNA to mRNA
	662	(ix) FEATURE:
_	663	(A) NAME/KEY: cDNA MAGE-3
>	664	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
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	668	GACAGGCTGA CCTGGAGGAC CAGAGGCCCC CGGAGGAGCA CTGAAGGAGA 100
	669	AGATCTGCCA GTGGGTCTCC ATTGCCCAGC TCCTGCCCAC ACTCCCGCCT 150
	670	GTTGCCCTGA CCAGAGTCAT C 171
	671	ATG CCT CTT GAG CAG AGG AGT CAG CAC TGC AAG CCT GAA GAA 213
	672	GGC CTT GAG GCC CGA GGA GAG GCC CTG GGC CTG GTG GGT GCG 255
	673	CAG GCT CCT GCT ACT GAG GAG CAG GAG GCT GCC TCC TCC TCT 297
	674	TCT ACT CTA GTT GAA GTC ACC CTG GGG GAG GTG CCT GCT GCC 339
	675	GAG TCA CCA GAT CCT CCC CAG AGT CCT CAG GGA GCC TCC AGC 381
	676	CTC CCC ACT ACC ATG AAC TAC CCT CTC TGG AGC CAA TCC TAT 423
	677	GAG GAC TCC AGC AAC CAA GAA GAG GAG GGG CCA AGC ACC TTC 465
	678	CCT GAC CTG GAG TCC GAG TTC CAA GCA GCA CTC AGT AGG AAG 507
	679	GTG GCC GAG TTG GTT CAT TTT CTG CTC CTC AAG TAT CGA GCC 549
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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681	GGA AAT TGG CAG TAT TTC TTT CCT GTG ATC TTC AGC AAA GCT	633
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683	GTG GAC CCC ATC GGC CAC TTG TAC ATC TTT GCC ACC TGC CTG	717
684	GGC CTC TCC TAC GAT GGC CTG CTG GGT GAC AAT CAG ATC ATG	759
685	CCC AAG GCA GGC CTC CTG ATA ATC GTC CTG GCC ATA ATC GCA	801
686	AGA GAG GGC GAC TGT GCC CCT GAG GAG AAA ATC TGG GAG GAG	843
687	CTG AGT GTG TTA GAG GTG TTT GAG GGG AGG GAA GAC AGT ATG	885
688	TTG GGG GAT CCC AAG AAG CTG CTC ACC CAA CAT TTC GTG CAG	927
689	GAA AAC TAC CTG GAG TAC CGG CAG GTC CCC GGC AGT GAT CCT	969
690	GCA TGT TAT GAA TTC CTG TGG GGT CCA AGG GCC CTC GTT GAA	1011
691	ACC AGC TAT GTG AAA GTC CTG CAC CAT ATG GTA AAG ATC AGT	1053
692	GGA GGA CCT CAC ATT TCC TAC CCA CCC CTG CAT GAG TGG GTT	1095
693	TTG AGA GAG GGG GAA GAG TGA	1116
694	GTCTGAGCAC GAGTTGCAGC CAGGGCCAGT GGGAGGGGGT CTGGGCCAGT	1166
695	GCACCTTCCG GGGCCGCATC CCTTAGTTTC CACTGCCTCC TGTGACGTGA	1216
696	GGCCCATTCT TCACTCTTTG AAGCGAGCAG TCAGCATTCT TAGTAGTGGG	1266
697	TTTCTGTTCT GTTGGATGAC TTTGAGATTA TTCTTTGTTT CCTGTTGGAG	1316
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699	GTTTATGAAT GACAGTAGTC ACACATAGTG CTGTTTATAT AGTTTAGGAG	1416
700	TAAGAGTCTT GttTTTTACT CAAATTGGGA AATCCATTCC ATTTTGTGAA	1466
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702	GAATTAGCAA TAACATACAT GAGATAACTC AAGAAATCAA AAGATAGTTG	1566
703	ATTCTTGCCT TGTACCTCAA TCTATTCTGT AAAATTAAAC AAATATGCAA	1616
704 705	ACCAGGATTT CCTTGACTTC TTTG	1640
705 706		
707 708		
707		
	(2) INFORMATION FOR SEO ID NO: 12:	
708	(2) INFORMATION FOR SEQ ID NO: 12: (1) SEQUENCE CHARACTERISTICS:	
708	(i) SEQUENCE CHARACTERISTICS:	
708 709 710		
708 709 710 711	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 943 base pairs	
708 709 710 711 712	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 943 base pairs(B) TYPE: nucleic acid	me
708 709 710 711 712 713	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 943 base pairs(B) TYPE: nucleic acid(D) TOPOLOGY: linear	some
708 709 710 711 712 713 714 715 716	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene 	some
708 709 710 711 712 713 714 715 716 717	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: 	some
708 709 710 711 712 713 714 715 716 717	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene 	some
708 709 710 711 712 713 714 715 716 717 718 719	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 	some
708 709 710 711 712 713 714 715 716 717 718 719 720	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT	so.
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708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA	50 100
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708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGGCG CTGGCCTCAC CCTCAATACT	50 100 150 200 250 300
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGGCG CTGGCCTCAC CCTCAATACT TTCAGTCCTG CAGCCTCAGC ATGCGCTGGC CGGATGTACC CTGAGGTGCC	50 100 150 200 250 300 350
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGGCC CTGGCCTCAC CCTCAATACT TTCAGTCCTG CAGCCTCAC ATGCGCTGCC CGGATGTACC CTGAGGTGCC CTCTCACTTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC	50 100 150 200 250 300 350 400
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGGCC CTGGCCTCAC CCTCAATACT TTCAGTCCTG CAGCCTCACC ATGCGCTGC CGGATGTACC CTGAGGTGCC CTCTCACTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC AGAGGCCCCC GGAGGACCC TGAAGGACAA GATCTGTAAG TAAGCCTTTG	50 100 150 200 250 300 350 400 450
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGCGC CTGGCCTCAC CCTCAATACT TCCAGTCCTG CAGCCTCAGC ATGCGCTGGC CGGATGTACC CTGAGGTGCC CTCTCACTTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC AGAGGCCCCC GGAGGACCC TGAAGGAGAA GATCTGTAAG TAAGCCTTTG TTAGAGCCTC CAAGGTTCCA TTCAGTACT AGCTGTAGG TTCTCACATGC	50 100 150 200 250 300 350 400 450 500
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GCCAACCCT CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTTCT CACATTGGG GCCCGTGGAT TCCTCTCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGTCA GATAGTGCCA ACGGTGAAG TTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGGC CTGGCCTCAC CCTCAATACT TTCAGTCCTG CAGCCTCAGC ATGCGCTGC CGGATGTACC CTGAGGTGC CTCTCACTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC AGAGGCCCCC GGAGGAGCAC TGAAGGAGAA GATCTGTAAG TAAGCCTTTG TTAGAGCCTC CAAGGTTCCA TTCAGTACTC AGCTGAGGTC TCTCACATGC TCCCTCTCC CAAGGTTCCA TTCAGTACTC AGCTGAGGTC TCTCACATGC TCCCTCTCTC CCCAGGCCAG TGGGTTCCCA TTCACTACT TCTCACATGC TCCCTCTCTC CCCAGGCCAG TGGGTTCCCA TTGCCCAGCT CCTGCCCACA	50 100 150 200 250 300 350 400 450 500
708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 943 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: genomic DNA (ix) FEATURE: (A) NAME/KEY: MAGE-31 gene (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC CTGCCCCAGA ACACATGGAC TCCAGAGCGC CTGGCCTCAC CCTCAATACT TCCAGTCCTG CAGCCTCAGC ATGCGCTGGC CGGATGTACC CTGAGGTGCC CTCTCACTTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC AGAGGCCCCC GGAGGACCC TGAAGGAGAA GATCTGTAAG TAAGCCTTTG TTAGAGCCTC CAAGGTTCCA TTCAGTACT AGCTGTAGG TTCTCACATGC	50 100 150 200 250 300 350 400 450 500

784

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	768	CCTGCTGCCC TGACCAGAGT CATC	624
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	777	TCG CCT GAC GCA GAG TCC TTG TTC CGA GAA GCA CTC AGT AAC AAG GTG GAT GAG TTG GCT CAT TTT CTG CTC CGC AAG TAT CGA	960
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	819	(B) TYPE: nucleic acid	
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	GGC GTT GAG GCC CAA GAA GAG GCC CTG GGC CTG GTG GGT GCG	
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845	GCC TTA CCC ACT ACC ATC AGC TTC ACT TGC TGG AGG CAA CCC	
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847	TCG CCT GAC GCA GAG TCC TTG TTC CGA GAA GCA CTC AGT AAC AAG GTG GAT GAG TTG GCT CAT TTT CTG CTC CGC AAG TAT CGA GCC AAG GAG CTG GTC ACA AAG GCA GAA ATG CTG GAG AGA GTC	960
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850	ATC AAA AAT TAC AAG CGC TGC TTT CCT GTG ATC TTC GGC AAA	1086
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⁽²⁾ INFORMATION FOR SEQ ID NO: 15:

886 887

888

⁽i) SEQUENCE CHARACTERISTICS:

⁽A) LENGTH: 1068 base pairs

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:48

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	911	G GGG CCA AGC ACC TCG CCT GAC GCA GAG TCC TTG TTC CGA GAA GCA CTC AGT AAC AAG GTG GAT GAG TTG GCT CAT TTT CTG CTC CGC AAG TAT CGA GCC AAG GAG CTG GTC ACA AAG GCA GAA ATG CTG GAG AGA GTC ATC AAA AAT TAC AAG CGC TGC TTT CCT GTG ATC TTC GGC AAA GCC TCC GAG TCC CTG AAG ATC ATC GGC ATT GAC GTG AAG GAC CTC GAG TCC CTG AAG ATC TTT GGC ATT GAC GTG AAG GAC CTC GAG TCC CTG AAG ATC TTT GGT AAT AAT CAG ATC TTT CCC AAG ACA GCC TCT GAG GTC CTG GGC ACA ATT GCA ATG GAG GGC CTT CTG ATA ATC GGT AAT AAT CAG ATC TTT CCC AAG ACA GCC TCT GAG GTC CTG GGC ACA ATT GCA ATG GAG GGC GTC TCT GAG GGA AGC GAC ACT GTC TAT GGG GAC CCC AGC AAA CTG CTC GGG AAG GAG CAC ACT GTC TAT GAG GGC GTC TAT GAG GCA AGC GCC ACT GTC TAT GGG GAC CCC AGG AAA CTG CTC ACC CAA GAT TGG GTG CAG GAA AAC TCC CTC GAG GCA AGG GCT CTG GCT GAA ACC ACC TTC GAG GCA AGG GCT CTG GCT GAA ACC ACC TTC GAG GCA AGG GCT CTG GCT GAA ACC ACC TTC GAG CCA AGG GCT CTG GCT GAA ACC ACC TTC GAG CCA AGG GCT CTG GCT GAA ACC ACC TTC GAG GCATCTAC AGCCCAG GCTGTGGG AAGGGGCAGG TTGAGCATGAG TTGCAGCCAG GCTGTGGGG AAGGGGCAGG TTGAGCATGAA ACC ACC CTTGCTCTC TTGTTCTATTT TGTTGAAA AGGACTCTT ATTGTTGAAA AGGACTCTT TTTTTTATTC AGAGTAACT ACGTATTATAAA AAGAGTCTTG TTTTTTTTTTTTT ATTGTGGAAA AAGAGTCTTG TTTTTTTTTTTTTTTTTTTTTTTTTTTTT	628
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	913	TCACCATGAG TTGCAGCCAG GGCTGTGGGG AAGGGGCAGG GCTGCGGG	770
	914	TORGOTOTAL AGCCCTGTGC AGCAGCTTCC CTTGCCTCGT GTARCATORS	820
	915	TGCATCTARS TO TAGTAGTTT GAAGAAAATA GTCAGTGTTC TTAGTAGTGC	870
	916	CHEMPATT TOTTGGATGA CTTGGAGATT TATCTCTGTT TCCTTTACA	920
	917	AMMORPOANA TOTTCCTTTT AATGGATGGT TGAATTAACT TCAGCATCCA	970
	918	ATTGTTGAAA TGGTAGTTAA CGTATATTGC TGTTAATATA GTTTAGGAGT	1020
	919	AGTITATORA TOUTHTATTC AGATTGGGAA ATCCGTTCTA TITTGTGAAT	1068
	920	AAGAGTCTTG TTTTTTATTC AGATTGGGAA ATCCGTTCTA TTTTGTATTC TTGGGACATA ATAACAGCAG TGGAGTAAGT ATTTAGAAGT GTGAATTC	
	921	TTGGGACATA ATARONOON	
	922		
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		(2) INFORMATION FOR SEQ ID NO: 16:	
	926	(2) INFORMATION FOR CHARACTERISTICS: (i) SEQUENCE CHARACTERISTICS:	(see next page, for)
	927	(A) LENGTH: 2226 base pairs	لنميه علمهر ر
	928	(B) TYPE: nucleic acid	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°
	929	(B) TYPE: nucleic acid (D) TOPOLOGY: linear	//°
	930	(ii) MOLECULE TYPE: genomic DNA	hard)
	931	(ii) MOLECOLE TIPE. gonome	of real 100)
	932	(ix) FEATURE: (A) NAME/KEY: MAGE-5 gene (B) NAME/KEY: MAGE-5 gene	The matter of
	933	(A) NAME/REY: MAGE 5 95550 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:	() L
>	934	(xi) SEQUENCE DESCRIPTION.	У
_	935		E 0
	936	TARREST COCCUTETET GAGCACAGAG	50
	937	GGATCCAGGC CTTGCCAGGA GAAAGGTGAG GGGGTTCACAGATTC CAGCCTACCC	100
	938	GGGACCATTC ACCCCAAGAG GGTGGGGGGGGGGGGGGG	150
	939	TCCTGTTAGC ACTGGGGGCC TGAGGCTGTG CTTOSHOLAGAC ACTGAGGCCT	200
	940	THE TAX MACAN THE CONTROL AGGAGE TO CALL TO CALL THE CALL	
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	952	GGT CAC CAG GTC CTC TCA AGA GTC CTC AGG GAG CCT CCG CCA	
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	984		
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	986		

987	(2)	INFORMATION	FOR	SEQ	ID	NO:	17:
988		(i) SEQUEN	CE CE	IARA	CTE	RIST	cs:

989

992

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 2305 base pairs

990

(B) TYPE: nucleic acid (D) TOPOLOGY: linear 991

(ii) MOLECULE TYPE: genomic DNA

STANDEDNESS)

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:48

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999	GGATCCAGGC CTTGCCAGGA GAAAGGTGAG GGCCCTGTC CAGCCTACCC GGGACCATTC ACCCCAAGAG GGTGGAGACC TCACAGATTC CAGCCTACCC GGGACCATTC ACCCCAAGAG GCTGTG CTTGCAGTCT GCACCCTGAG	150
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1009	TOTOTOCAGO COMO A MANAGORA COLORA COL	644
1010	AGCTTCTCAC ATGCTCCCTC TCTCTCCAGG CGACCAGAGT CGTC AGCTCCTGCC CACACTCCTG CCTGTTGCGG TGACCAGAGT CGTC AGCTCCTGCC CACACTCCTG CCTGTTGCGG TGC AAG CCT GAG GAA ATG TCT CTT GAG CAG AAG AGT CAG CCC TGG GCC TGG TGC TGC	686
1011	AGCTCCTGCC CACACTOTAL AAG AGT CAG CAC TGC AAG CCT GAG GAA	728
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1014	AGG CTG CCA CTA CTG AGG AGG AGG AGG CTG CTG CTG CTG CTC CTC CTG TGG TCC CAG GCA CCC TGG GGG AGG TGC CTG CTG CTC CTC CTC AGG GAG CCT CCG CCA	854
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1017	TCC CCA CTG CCA TCG ATT TCA CTC TAT GGA COO GCA CCT CCC AGG GCT CCA GCA ACC AAG AAG AGG AGG GGC CAA GCA CCT CCC AGG GCT CCA GCA ACC AAG AAG AGG CAC TCA GTA AGA AGG	980
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1019	TGG CTG ACT TGA	
1020	TGG CTG ACT TGA TTCATTTTCT GCTCCTCAAG TATTAAGTCA AGGAGCCGGT CACAAAGGCA TTCATTTTCT GCTCCTCAAG TATTAAGTCA AAGCGCTGCT TTCCTGAGAT	1092
1021	TTCATTTTCT GCTCCTCAAG TATTAAGTCA AGGACCCCT TTCCTGAGAT GAAATGCTGG AGAGCGTCAT CAAAAATTAC AAGCGCTGCT TTCCTGAGAT GAAATGCTGG AGAGCGTCAT GGTCTTTGGC ATTGACGTGA	1142
1022	GAAATGCTGG AGAGCGTCAT CAAAAATTAC AAGCGCTGGC ATTGACGTGA CTTCGGCAAA GCCTCCGAGT CCTTGCAGCT GGTCTTTGGC ATTGACGTGA CTTCGGCAAA GCCTCCGAGA CCCTTGTCAC CTGCCTGGGA	1192
1023	CTTCGGCAAA GCCTCCGAGT CCTTGCAGCT GGTCTTTGGC CTGCCTGGGA AGGAAGCGGA CCCCACCAGC AACACCTACA CCCTTGTCAC CTGCCTGGGA TCATGCCCAA GACGGGCCTC	1242
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1025	The standard of the standard o	1342
1026	CTGATAATCG TCTTGGGCAT GATTGCAATG GAGGGCAATT GGAGAAAATC TGGGAGGAGC TGGGTGTGAT GAAGGTGTAT GTTGGGAGGG GGAGAAAATC TGGGAGGAGC CCCAGGAAGC TGCTCACCCA AGATTTGGTG AGCACAGTGT CTGTGGGGAG CCCAGGAGC CCAGCAGTGA TCCCATATGC	1392
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1029	CAGGAAAACT ACCTGGAGTA CCGCAGGTGC CCAGGACTON TATGAGTTAC TGTGGGGTCC AAGGGCACTC GCTGCTTGAA AGTACTGGAG TATGAGTTAC TGTGGGGTCC AAGGGCACTC ATTTCCTACC CATCCCTGCA	1542
1030	TATGAGTTAC TGTGGGGTCC AAGGGCACTC GCTGCTTOAM CACGTGGTCA GGGTCAATGC AAGAGTTCTC ATTTCCTACC CATCCCTGCA CACGTGGTCA GGGTCAATGC AAGAGTTCTGAGCA TGAGCTGCAG	1592
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	CCAGGGCCAC TGCGAGGGGG GCTGGGCCAG TGCACCTTCTCTT CCAGTAGTTT CCCCTGCCTT AATGTGACAT GAGGCCCATT CTTCTCTCTT CCAGTAGTTT CCCCTGCCTT AATGTGACAG GGTTTCTGTT CTATTGGATG	1742
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103	9 TTCAGATTGG GAAATCCATT CCATTTTGTG AATTGGGATA AAACTGATGA 0 AGTGGAATAA GTATTCATTT AGAAATGTGA ATGAGCAGTA AAACTGATGA 0 AGTGGAATAA GTATTCATTT AGAAATGTT GCCTTATACT CAGTCTATTC	2042
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104	2 GGTAAAATTT TTTTTTAAAA ATGTGCATAC CIGGATTOO 3 TGAGAATGTA AGACAAATTA AATCTGAATA AATCATTCTC CCTGTTCACT 4 TGAGAATGTA AGACAAATTA AATCTGAATA TGCTCTGTGG AAGGCCCTGG	2192
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	2305

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	1051		
	1052	(2) INFORMATION FOR SEQ ID NO: 18:	
	1053	(i) SEQUENCE CHARACTERISTICS:	
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	1055	(A) LENGTH: 225 base pairs (B) TYPE: nucleic acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: cDNA (ix) FEATURE:	
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	1065 1066	GGC CAC GTG TAC ATC TTT GCC ACC TGC CTG GGC CTC TCC TAC	126
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	1067	TTC CTG ATA ATC ATC CTG GCC ATA ATC GCA AGA GAG GGC GAC TGT GCC CCT GAG GAG	210
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	1070		
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1148

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	1100	GTG TCA TCA AAA ATT ACA AGC ACT ACT TTT GGC ATT GAC GGC AAA GCC TCA GAG TGC ATG CAG GTG ATG TTT GGC ATT GAC	
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	1103	CCT GCT TGG GCC TCT CCT ACA AIG GCC 155 155 155 155 155 155 155 155 155 1	964
	1104	AGA GCA TGC CCG AGA CCG GCC TTC TGA TTATGGTCTT GACCATGATC TTAATGGAGG GCCACTGTGC CCCTGAGGAG TTATGGTCTT GACCATGATC TTAATGGAGG GCCACTGTGC CCCTGAGGAG	1014
	1105	TTATGGTCTT GACCATGATC TTAATGGAGG GCCACTGATC TGGAGCAGTT GCAATCTGGG AAGCGTTGAG TGTAATGGTG TATGATGGGA TGGAGCAGTT GCAGGAAAAC	1064
	1106	GCAATCTGGG AAGCGTTGAG TGTAATGGT AAGATTGGGT GCAGGAAAAC TCTTTGGGCA GCTGAGGAAG CTGCTCACCC AAGATTGGGT GCAGGAAAAC	1114
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	1111	AGCCAGGGCC AGTGGGGCAG ATTGGGGGAG GGCCTGGGCA GTGCACGTTC	1364
	1112	AGCCAGGGCC AGTGGGGCAG ATTGGGGGAG GGCTGAGGGCCC ATTCTTCACT CACACATCCA CCACCTTCCC TGTCCTGTTA CATGAGGCCC ATTCTTCACT	1414
	1113	CACACATCCA CCACCTTCCC TGTCCTGTTA AGTAGCGGGG AGTGTGTTGG CTGTGTTTGA AGAGAGCAGT CAATGTTCTC AGTAGCGGGG AGTGTGTTGGGC	1464
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	1115	GTGTGAGGGA ATACAAGGTG GACCATCICT CAGTICGTTCA AATGTTCCTT GATTTGGAGG TTTATCTTTG TTTCCTTTTTG CAGTCGTTCA AATGTTCCTT GATTTGGAGG TTTATCTTTG TTTCCTTTTTTTTTTTTT	1564
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	1117	TTAATGGATG GTGTAATGAA CTTCAACATT GTAAGTGCAT TGTTTTTAT GCAGACTTAC TGTTTTTAT ATAGTTAAAA GTAAGTGCAT TGTTTTTAT	1664
	1118		1714
	1119	THE PART OF THE PA	1764
	1120	CAGAGGATTA AGTACCTTTT ATAATGGAA GCTGGGCACG GTGGCTCACG GTGAGATAAA GAAATAAAGA AATTAAATTG GCTGGGCACG GTGGCTCACG GTGAGATAAA GAAATAAATTA GCTGGGCACG GTGGCTCA	1814
	1121	and and amount Catacacacacacacacacacacacacacacacacacaca	1864
	1122		1914
	1123	AATACAAAAC TTAGCCGGGC GTGGTGGCGG GTG	1947
	1124	AATACAAAAC TTAGCCGGGC GIGGIGGCGC GIG	
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	1128	(i) SECUENCE CHARACTERISTICS:	
	1129	(A) TENGTH: 1810 base pairs	
	1130	(B) TYPE: nucleic acid	J
	1131 1132	(D) TOPOLOGY: linear	M
	1132	A CANOMIC DNA	^ /
	1134	(ix) FEATURE:	18
	1134	/A\ NAME/KEY: MAGE-8 dene	
>	1136	PROVINCE DECEPTION: SEO ID NO: 20:	
/	1137		
	1138		50
	1139	THE TAXABLE AND ADDRESS OF THE PROPERTY OF THE	100
	1140	THE TARGET WAS AN ACCORD ACCORDING TO ACCURATION ACCURA	150
	1141	THE TARGET OF THE PROPERTY OF	200
	1142	TO THE TEN THE TRANSPORT OF THE PROPERTY OF TH	250
	1143	TOTAL TOTAL CONTROL CO	300
	1144		350
	1145	AGGGCATCCA GGGTGTACTA	400
	1146	The second decomposition of the contract of th	450
	1147	admondono Academore Gergeeria ecidation	451
	1140		-

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	1151	CAG ATT CCC ACA GCT GAG GAG CAG AAG GCT GCA TCC TCC	577
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	1158	TAT CAA ATT AAG GAG CCG GTC ACA AAG GCA GAA ATG CTT GAG	871
	1159	AGT GTC ATC AAA AAT TAC AAG AAC CAC TTT CCT GAT ATC TTC	913
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	1183	(2) INFORMATION FOR SEQ ID NO: 21:	· · · · · · · · · · · · · · · · · · ·
	1184	(i) SEQUENCE CHARACTERISTICS:	
	1185	(A) LENGTH: 1412 base pairs	
	1186	(B) TYPE: nucleic acid	
	1187	(D) TOPOLOGY: linear	
	1188	(ii) MOLECULE TYPE: genomic DNA	معر .
	1189	(ix) FEATURE:	Some
	1190	(A) NAME/KEY: MAGE-9 gene	18
>	1191	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:	
	1192	(/zonio- bedani 110m. beg 15 mo. 21.	
	1193		
	1194	TCTGAGACAG TGTCCTCAGG TCGCAGAGCA GAGGAGACCC AGGCAGTGTC	50
	1195	AGCAGTGAAG GTGAAGTGTT CACCCTGAAT GTGCACCAAG GGCCCCACCT	100
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	1200	TGTTAGAACC TCCAAGGTTC GGTTCTCAGC TGAAGTCTCT CACACACTCC	350

PÄGĘ: 24

RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	1218	AAA GAC AAC TGC GCC CCT GAA GAG GTT ATC TGG GAA GCG TTG	1099			
	1219	AGT GTG ATG GGG GTG TAT GTT GGG AAG GAG CAC ATG TTC TAC	1141			
	1220	GGG GAG CCC AGG AAG CTG CTC ACC CAA GAT TGG GTG CAG GAA	1183			
	1221	AAC TAC CTG GAG TAC CGG CAG GTG CCC GGC AGT GAT CCT GCG	1225			
	1222	CAC TAC GAG TTC CTG TGG GGT TCC AAG GCC CAC GCT GAA ACC	1267			
	1223	AGC TAT GAG AAG GTC ATA AAT TAT TTG GTC ATG CTC AAT GCA	1309			
	1224	AGA GAG CCC ATC TGC TAC CCA TCC CTT TAT GAA GAG GTT TTG	1351			
	1225	GGA GAG GAG CAA GAG GGA GTC TGA	1375			
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	1229					
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	1231	(i) SEQUENCE CHARACTERISTICS:				
	1232	(A) LENGTH: 920 base pairs				
	1233	(B) TYPE: nucleic acid				
	1234	(D) TOPOLOGY: linear				
	1235	(ii) MOLECULE TYPE: genomic DNA				
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>	1238	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:	1			
	1239					
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	1242	CTGTCAGTCC TGGAGCCTTG GCCTCTGCCG GCTGCATCCT GAGGAGCCAT	100			
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	1247	ACACTCCCAC CTGCTACCCT GATCAGAGTC ATC	333			
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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	1257	GAG TCT TTA CCC AGA AGT GAG ATA GAT GAA AAG GTG ACT GAT	753
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•	1261	ATG CTG CTG GTC TTT GGC ATT GAT GTA AAG GAA GTG GAT CC	920
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	1266 1267	(2) INFORMATION FOR SEQ ID NO: 23:	
		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1107 base pairs	
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	1270	(D) TOPOLOGY: linear	Some
	1271		مستمهر و
	1272	(ix) FEATURE:	\D'.
	1273	(A) NAME/KEY: MAGE-11 gene	18
>	1274	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:	
•	1275	(111) Dayounon Daboutt Iton. Day 15 No. 23.	
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	1277	AGAGAACAGG CCAACCTGGA GGACAGGAGT CCCAGGAGAA CCCAGAGGAT	50
	1278	CACTGGAGGA GAACAAGTGT AAGTAGGCCT TTGTTAGATT CTCCATGGTT	100
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	1300	CCA AGG GCC CAC GCT GAG ACC AGC AAG ATG AAA GTT CTT GAG	1038
	1301	TAC ATA GCC AAT GCC AAT GGG AGG GAT CC	1107
•	1301	IND HIM DOC ANT DOC ANT DOO AND DAT CO	1107
	1302		
	1304		•
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DATE: 06/19/1999 TIME: 16:48:51

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	1311			
	1312	(A) NAME/KEY: smage-I		
>	1313	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:		
	1314	$oldsymbol{\cdot}$		
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	1318	CTCTACAGAC CTCTGTCTGT GTCTGGCACC CTAAGTGGCT TTGCATGGGC 100		
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C DATE: 06/19/1999 TIME: 16:48:51

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	1362	GACTTTACTC AAATTCATTA GAAAGTAAAT CGT		
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	1371	(A) LENGTH: 2099 base pai	rs	-01
	1372	(B) TYPE: nucleic acid		10 NESS
	1373	(D) TOPOLOGY: linear	^	INDEDNESS
	1374	(ii) MOLECULE TYPE: genomic DN	A A	£ 10 h
	1375	(ix) FEATURE:	· 5/1\	
	1376	(A) NAME/KEY: smage-II	/ ·	0,000
>	1377	(xi) SEQUENCE DESCRIPTION: SEQ	TD NO: 25:	y
	1378	(AI) DECOMOS DECOMITION. DEC	12 10. 25.	
	1379			
	1380	ACCTTATTGG GTCTGTCTGC ATATGCCTCC ACT	TOTOTOT ACCACTOTO	A 50
	1381	AATGGATCTC TCTCTACAGA CCTCTGTCTG TGT		_
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	1382	CTCCACAGGC CTATACCCCT GCATTGTAAG TTT		
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	1385	CCCTCCAAGT GAAGCTAGTG AAAGATCTAA CCC		
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	1388	GAAAGATGTT CTCCTGGAAA GCTTCAAAAG CCA		
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	1402	TTTGAGTAGT AACTGGGGGT TGCCTAGGAC AGG		
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	1404	CAATTTCTGC ATGGAGTGGG GGTATATGCT GGG		
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/819,669C

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1409	TGGCTCTTAG	AGATCAGGCA	GGAGGGGTGC	CAAGAAGGAG	AGTTCAAGGC	1500
1410	AAGGGTGTTC	ATTCCAAGGC	CCCATCCCAA	AAGTCCTCTA	ACATGTAGTT	1550
1411	GAGTCTGTTC	TGTTGTGTTT	GAAAAACAGT	CAGGCTCCTA	ATCAGTAGAG	1600
1412	AGTTCATAGC	CTACCAGAAC	CAACATGCAT	CCATTCTTGG	CCTGTTATAC	1650
1413	ATTAGTAGAA	TGGAGGCTAT	TTTTGTTACT	TTTCAAATGT	TTGTTTAACT	1700
1414	AAACAGTGCT	TTTTGCCATG	CTTCTTGTTA	ACTGCATAAA	GAGGTAACTG	1750
1415	TCACTTGTCA	GATTAGGACT	TGTTTTGTTA	TTTGCAACAA	ACTGGAAAAC	1800
1416	ATTATTTTGT	TTTTACTAAA	ACATTGTGTA	ACATTGCATT	GGAGAAGGGA	1850
1417	TTGTCATGGC	AATGTGATAT	CATACAGTGG	TGAAACAACA	GTGAAGTGGG	1900
1418	AAAGTTTATA	TTGTTAGTTT	TGAAAATTTT	ATGAGTGTGA	TTGCTGTATA	1950
1419	CTTTTTTCTT	TTTTGTATAA	TGCTAAGTGA	AATAAAGTTG	GATTTGATGA	. 2000
1420	CTTTACTCAA	ATTCATTAGA	AAGTAAATCA	TAAAACTCTA	TTACTTTATT	2050
1421	ATTTTCTTCA	ATTATTAATT	AAGCATTGGT	TATCTGGAAG	TTTCTCCAG	2099
1422						
1423						
1424						
1425			•			

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/819,669C

DATE: 06/19/1999 TIME: 16:48:52

Line	Error	Original Text
30	Wrong Classification	(C) CLASSIFICATION: 435
73	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
96	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
152	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
168	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
212	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
332	Entered (2418) and Calc. Seq. Length (2419) differ	(A) LENGTH: 2418 base pairs
336	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
387	# of Sequences for line conflicts w/ running total	AATGATCTTG GGTGGATCC
393	Entered (5724) and Calc. Seq. Length (5674) differ	(A) LENGTH: 5724 base pairs
399	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
463	# of Sequences for line conflicts w/ running total	GTCCCAGGCC CTGCCAGGAG TCAAGGTGAG GACC
<i>5</i> 31	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
635	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
664	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
717	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
753	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
824	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
894	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
934	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
950	# of Sequences for line conflicts w/ running total	ATG TCT CTT GAG CAG AAG AGT CAG CAC TGC A
951	# of Sequences for line conflicts w/ running total	CTC CTC TGG TCC CAG GCA CCC TGG GGG AGG T
995	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
1060	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
1081	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
1136	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
1191	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
1238	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
1274	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
1313	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
1328	# of Sequences for line conflicts w/ running total	ACT TCA GCC CTG AGC ACA GTC AAC ATG CCT A
1329	# of Sequences for line conflicts w/ running total	AGT AAG ACC CGC TCC CGT GCA AAA CGA CAG (
1346	# of Sequences for line conflicts w/ running total	GAA AAT TAC CTG GAG TAC CGC CAG GTA CCT G
1347	# of Sequences for line conflicts w/ running total	CCA AGC TAT GAG TTC CTG TGG GGA CCC AGA G
1377	Wrong Or Missing Strandedness Value	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25: